



Freeman UV-70 Polyurethane Elastomer

Description

The Freeman UV-70 is a semi-rigid polyurethane elastomer that exhibits excellent UV stability, allowing it to resist yellowing when exposed to light. Featuring both a user-friendly 1:1 mix ratio by weight and low viscosity, the UV-70 is well suited to the creation of flexible molds and parts.

Physical Properties

Color	White
Mix Ratio (by weight)	1:1
Mix Ratio (by volume)	95:100
Viscosity, Mixed (cps)	300
Gel Time (minutes @ 77°F)	10
Demold Time (hours)	6
Hardness (Shore D)	70
Specific Gravity (g/cc)	1.06
Volumetric Yield (in ³ /lb)	26.1
Tensile Strength, (psi)	1,460
Tear Strength (Die C PLI)	190
Elongation %	400
Shrinkage (in/in) 5" x .125" x .5" Sample	0.003

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT